

Form PTO-1449

DOCKET NUMBER (OPTIONAL)

APPLICATION NO.

1548

08/766,651

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

APPLICANT

Don E. Frantz, D.D.S. & Michael D. Frantz

FILING DATE

12/16/96

GROUP ART UNIT

3301



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE WHEN APPROPRIATE
1. MB	5,365,945	Nov. 22, 1994	Halstrom	128	848	Apr. 13, 1993
2.	5,316,020	May 31, 1994	Truffer	128	848	Sep. 30, 1991
3.	5,313,960	May 24, 1994	Tomasi	128	848	Nov. 4, 1992
4.	5,277,202	Jan. 11, 1994	Hays	128	848	Aug. 26, 1992
5.	5,267,862	Dec. 7, 1993	Parker	433	215	Jan. 8, 1993
6.	5,203,324	Apr. 20, 1993	Kinkade	128	201.11	Apr. 2, 1991
7.	5,195,890	Mar. 23, 1993	Johansson et al.	433	172	Mar. 23, 1993
8.	5,117,816	Jun. 2, 1992	Shapiro et al.	128	200.24	Jan. 3, 1991
9.	5,092,346	Mar. 3, 1992	Hays et al.	128	848	Nov. 16, 1990
10.	5,046,512	Sep. 10, 1991	Murchie	128	848	Aug. 30, 1989
11. V	5,018,533	May 28, 1991	Hawkins	128	848	May 25, 1989

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1. MB W. Cassel, "Sleep Apnea and Personality", Sleep, Vol. 16, No. 8, 1993, pages S56-S57.
2. Willy Chua et al., "Obstructive sleep apnea", Vol 95/NO2/February 1, 1994/Postgraduate Medicine, Sleep Apnea, pages 123-138
3. Glenn T. Clark, et al., "Effect of Anterior Mandibular Positioning on Obstructive Sleep Apnea", A, Rev Res[or Dos Vp; 147. pp 624-629, 1993.
4. Dr. George Cook, D.D.S., "Snoring and Sleep Apnea Questions/Answers \*A New Treatment Device\*", Compiled and Written by The Holdingford Dental Clinic, 1990.
5. Scott E. Eveloff et al., "Efficacy of a Herbst Mandibular Advancement Device in Obstructive Sleep Apnea", Am J Respir Crit Care Med Vol 149. pp 905-909, 1994.
6. Peter T. George, D.D.S., "Treatment of snoring and obstructive sleep apnea with a dental device", General Dentistry/July-August 1993, pp 294-298.

EXAMINER

DATE CONSIDERED

5/23/97

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

DOCKET NUMBER (OPTIONAL)

APPLICATION NO.

1548

08/766,651

INFORMATION DISCLOSURE CITATION  
IN AN APPLICATION

APPLICANT

Don E. Frantz, D.D.S. & Michael D. Frantz

FILING DATE

GROUP ART UNIT

12/16/96

330/

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE WHEN APPROPRIATE
1. MB	5,003,994	Apr. 2, 1991	Cook	128	848	Oct. 10, 1989
2.	4,986,283	Jan. 22, 1991	Tepper	128	859	May 8, 1989
3.	4,901,737	Feb. 20, 1990	Toone	128	848	Apr. 13, 1987
4.	4,715,368	Dec. 29, 1987	George	128	136	Aug. 6, 1986
5.	4,505,672	Mar. 19, 1985	Kurz	433	6	Nov. 14, 1983
6.	4,304,227	Dec. 8, 1981	Samelson	128	136	Aug. 27, 1979
7.	4,169,473	Oct. 2, 1979	Samelson	128	136	Mar. 3, 1978
8.	Des. 302,036	Jul. 4, 1989	George	D24	34	Jun. 23, 1986
9.	Re. 33,442	Nov. 20, 1990	George	128	860	Nov. 30, 1988

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1. MB Dr. Harry W. Tepper, "The Tepper Oral Proprioceptive Stimulator", An Innovative Appliance Developed by Dr. Harry W. Tepper for the Treatment of Sleep Apnea and Chronic Snoring", Great Lakes Orthodontics, Ltd.
2. David R. Hillman, "Sleep Apnea and Myocardial Infarction", Sleep, Vol. 16, No 8, 1993, pp S23-S24.
3. Poul Jennum et al., "Cognitive Function and Snoring", Sleep, Vol. 16, No. 8, 1993, pp S62-S64.
4. Alan A. Lowe, "Can We Predict the Success of Dental Appliance Therapy for the Treatment of Obstructive Sleep Apnea Based on Anatomic Considerations?", Sleep, Vol. 16, No. 8, 1993, pp S93-S94.
5. H. Edward Lyon, D.D.S., "Treatment of Snoring and Obstructive Sleep Apnea", Compend Contin Educ Dent, Vol. XIII, No. 5, pp 416-420.
6. Robyn A. O'Sullivan et al., "Mandibular Advancement Splint: The Effects on Snoring and Obstructive Sleep Apnea", Sleep, Vol. 16, No. 8, 1993, page S143.
7. Karen E. Shelton et al., "Adipose Tissue Deposition in Sleep Apnea, Sleep, Vol. 16, No. 8, 1993, pp S103 and S95.

EXAMINER

DATE CONSIDERED

MB

5/23/97

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

DOCKET NUMBER (OPTIONAL)

APPLICATION NO.

1548

08/766,651

APPLICANT

Don E. Frantz, D.D.S. and Michael D. Frantz

FILING DATE

12/16/96

GROUP ART UNIT

3301

Title

Disposable Mandibular Advancement Appliance

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE WHEN APPROPRIATE
---------------------	--------------------	------	------	-------	----------	---------------------------------

1.

2.

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES / NO
--------------------	------	---------	-------	----------	-------------------------

1.

2.

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

1. MB Young, Terry, et al., "The Occurrence of Sleep-Disordered Breathing Among Middle-Aged Adults, *The New England Journal of Medicine* (April 29, 1993), Vol. 328, No. 17, pp. 1230-1235
2. Isono, Shiroh, et al., "Anatomy and Physiology of Upper Airway Obstruction" in *Principles and Practice of Sleep Medicine*, 2nd Edition, W.B. Saunders Company (1994), pp. 642-656.
3. Browman, Carl, et al., "Obstructive Sleep Apnea and Body Weight" in *Chest* (March, 1984), pgs. 435-436.
4. Schmidt-Nowara, Wolfgang, et al., "Oral Appliances for the Treatment of Snoring and Obstructive Sleep Apnea: A Review" in *Sleep*, No. 6, Vol. 18 (1995), pp. 501-510.
5. Lowe, Alan, "Dental Appliances for the Treatment of Snoring and Obstructive Sleep Apnea" in *Principles and Practice of Sleep Medicine*, 2nd Edition, W.B. Saunders Company (1994), pp. 722-735.
6. ✓ Clark, Glenn, et al., "The Effect of Anterior Mandibular Positioning on Obstructive Sleep Apnea", *Am. Rev. Respir. Dis.*, Vol. 147 (1993), pp. 624-629.

EXAMINER

DATE CONSIDERED

MB

5/13/97

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

(2-92)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE